

MEMORANDUM

To: CALFED/BDAC Members and Interested Parties
From: San Francisco Estuary Project
Subject: A Draft CCMP and CALFED program comparison
Date: September 23, 1997

A comparison of the CCMP and CALFED program activities was recently conducted by the San Francisco Estuary Project with the assistance and cooperation of U.S. EPA staff. Four categories were chosen to illustrate the similarities and dissimilarities between the two programs, namely: water quality, water use, land use, and research and monitoring. It is important to note that CALFED has not developed specific actions for the latter two categories.

Program Area Goals

Program Area	CCMP	CALFED
Water Quality	Goal: 1) Promote mechanisms to prevent pollution at its source; 2) where pollution prevention is not possible, control and reduce pollutants entering the Estuary; 3) clean up toxic pollution throughout the Estuary; and 4) protect against toxic effects, including bioaccumulation and toxic sediment accumulation.	Goal: To provide good water quality for environmental, agricultural, drinking water, industrial, and recreational beneficial uses by reducing water quality degradation and reducing the release of pollutants into the Bay-Delta system and its tributaries.
Water Use	Goal: Develop and implement aggressive water management measures to increase freshwater availability to the Estuary.	Goal: Reduce the conflict between water supply beneficial uses and to provide a better match between quantity and timing of supply and projected beneficial uses dependent on the Bay-Delta system.
Land Use	Goal: 1) Establish and implement land use transportation patterns and practices that protect, enhance, and restore the Estuary's open waters, adjacent wetlands, adjacent essential uplands habitat, and tributary waterways; 2) coordinate and improve planning, regulatory, and development programs of local, regional, state, and federal agencies to improve health of the Estuary; 3) adopt and utilize land use policies that provide incentives for more active participation by the private sector in cooperative efforts that protect and improve the Estuary.	Goal: As part of CALFED's Watershed Management approach: to establish a comprehensive, basin-wide approach that takes into account many water quality problems, fosters local stewardship and community-based watershed interests, and supports local watershed management activities through technical, financial, and policy activities.
Research and Monitoring	Goal: Improve the scientific basis for managing natural resources within the Estuary through an effective monitoring and research program.	Goal: As part of CALFED's Ecosystem Restoration Program Plan: test alternative ways of meeting objectives, and adapting future management actions according to what is learned. The adaptive management approach relies on identifying indicators of ecosystem health, comprehensive monitoring of indicators, focused research, and phasing of actions.

Comparison Summary

Program Area	Summary
<p>Water Quality</p>	<p>Both the CCMP and the CALFED actions are similar in that they recommend pollution prevention through source control. Means to accomplish this goal differ somewhat: the CCMP emphasizes regional, comprehensive planning for pollution prevention (i.e. a mass emissions strategy that develops waste load allocations) while CALFED targets selected pollutants and emphasizes the improvement of discharge treatment.</p>
<p>Water Use</p>	<p>Both the CCMP and the CALFED programs advocate water reclamation and recycling projects. However, the CCMP recommends the improvement of the existing legal and regulatory framework to facilitate such projects while CALFED recommends reliance on the existing framework.</p> <p>Both the CCMP and the CALFED programs recommend support and improvement of Best Management Practices for agricultural water management.</p> <p>The CCMP recommends that state water law be reformed to enable better management and oversight of groundwater. CALFED does not address this issue.</p> <p>Both the CCMP and the CALFED programs recommend the facilitation of voluntary water markets.</p>
<p>Land Use</p>	<p>The CCMP sets forth specific actions to improve land use decisions and land use decision-making processes, making explicit the vital connection between land use and watershed protection.</p> <p>CALFED's watershed management actions do not make the connection between land use and watershed protection.</p>
<p>Research and Monitoring</p>	<p>The CCMP has an established research and monitoring program that is primarily carried out by the San Francisco Estuary Institute.</p> <p>CALFED will rely on an adaptive management approach that is still in the development stages.</p>

The following matrix is an expansion of the summary matrices above. The matrix is structured according to the layout of the CCMP: Program Area / Objectives / Action Steps. The CALFED actions (second column) that correspond to the CCMP actions (first column) are compared in the third column. Water Quality is on page 1, Water Use is on page 10, Land Use is on page 18, and Research and Monitoring is on page 24.